DETAILED ACTION

A request for continued examination under 37 CFR 1.114, including the fee set forth in

37 CFR 1.17(e), was filed in this application after final rejection. Since this application is

eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR

1.17(e) has been timely paid, the finality of the previous Office action has been

withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 9/23/01 has been

entered.

Examiner Amendment

An Examiner's Amendment to the record appears below. Should the changes and/or

additions be unacceptable to Applicant, an amendment may be filed as provided by 37

CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no

later than the payment of the Issue Fee.

The following changes were authorized by Joseph Lally in a telephone interview on

12/13/10.

Please cancel claim 4 and replace claims 1, 3, 14, 24-25 and 74 as follows:

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    1.   A method for secure communication comprising:

receiving a first profile from a first entity, the first profile indicating electronic commerce

information, including a first document exchange protocol, pertaining to the first entity;

receiving a second profile from a second entity, the second profile indicating electronic

commerce information, including a second document exchange protocol, pertaining to the

second entity;

automatically generating an agreement based on the first profile and the second profile, wherein the agreement includes information pertaining to electronic commerce transactions between the first and second entities;

generating a first virtual private proxy and a second virtual private proxy;

establishing a first secure connection between the first virtual private proxy and the first entity and establishing a second secure connection between the second virtual private proxy and the second entity;

establishing a logical connection between the first virtual private proxy and the second virtual private proxy;

monitoring data at at least one of the first virtual private proxy and the second virtual private proxy;

determining whether monitored data violates the agreement; and

disallowing communication of the monitored data between the first virtual private proxy and the second virtual private proxy when the data violates the agreement;

wherein establishing the first secure connection includes establishing a secure connection with a private session manager of the first entity wherein said private session manager excludes all other remote connections to the first entity.

3.   The method for secure communication according to Claim 2, , wherein the security violation is selected from the group ~~consisting of~~ **comprising**: a virus, a malicious program, and an intrusion attempt.

14.   A system for secure communication comprising:

~~logic~~ **a processor having access to processor executable instructions,** stored on a **memory** medium**,** ~~and configured~~ **the instructions including instructions** to:

receive a first profile from a first entity, the first profile indicating electronic commerce information, including a first document exchange protocol, pertaining to the first entity;

receive a second profile from a second entity, the second profile indicating electronic commerce information, including a second document exchange protocol, pertaining to the second entity;

automatically generate an agreement based on the first profile and the second profile, wherein the agreement includes information pertaining to electronic commerce transactions between the first and second entities;

generate a first virtual private proxy and a second virtual private proxy;

establish a first secure communication between the first virtual private proxy and the first entity and establish a second secure connection between the second virtual private proxy and the second entity;

establish a logical connection between the first virtual private proxy and the second virtual private proxy;

monitor data at at least one of the first virtual private proxy and the second virtual private proxy;

determine whether the data violates the agreement; and

disallow communication of the data from the first virtual private proxy to the second virtual private proxy when the data violates the agreement**;**

wherein the instructions to establish the first secure connection include instructions to establish a secure connection with a private session

manager of the first entity wherein said private session manager excludes all other

remote connections to the first entity.

24.   The system for secure communication according to Claim 14, wherein the

~~logic in determining~~ **instructions to determine** whether the data violates the agreement

determine**[[s]]** whether the data includes an intrusion attempt.

25.   The system for secure communication according to Claim 14, wherein the

~~logic in determining~~ **instructions to determine** whether the data violates the agreement

determine**[[s]]** whether the data includes a virus or malicious program.

74.   A non-transitory computer readable medium, including a computer program,

executable by a processor, for:

receiving a first profile from a first entity, the first profile indicating electronic commerce

information, including a first document exchange protocol, pertaining to the first entity;

receiving a second profile from a second entity, the second profile indicating electronic

commerce information, including a second document exchange protocol, pertaining to the

second entity;

automatically generating an agreement based on the first profile and the second profile,

wherein the agreement includes information pertaining to electronic commerce transactions

between the first and second entities;

generating a first virtual private proxy and a second virtual private proxy;

establishing a first secure connection between the first virtual private proxy and the first

entity and establishing a second secure connection between the second virtual private proxy

and the second entity;

establishing a logical connection between the first virtual private proxy and the second

virtual private proxy;

monitoring data at at least one of the first virtual private proxy and the second virtual

private proxy;

determining whether monitored data violates the agreement; and

disallowing communication of the monitored data between the first virtual private proxy

and the second virtual private proxy when the data violates the agreement;

wherein establishing the first secure connection includes establishing a

secure connection with a private session manager of the first entity wherein said

private session manager excludes all other remote connections to the first entity.

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Allowed Claims

In light of applicant's amendments and the examiner amendment authorized by

applicant's representative claims 1-3, 5, 8-10, 14, 22-25 and 74-79 are allowed.

The following is a statement of reasons for the indication of allowable subject matter.

Applicant invention is directed to automatically generating an agreement based on

entities profiles, generating virtual proxies and a secure connection between the proxies

and entities, and a logical connection between the proxies, monitoring data at least one

of the proxy and disallowing communication of the monitored data when the data

violates the agreement, wherein establishing the first secure connection includes

establishing a secure connection with a private session manager of the first entity

excluding all other remote connections to the first entity.

The closest prior art Dan 290 (USPN 6148290) discloses automatically generating an

agreement based on the first profile and the second profile, wherein the agreement

includes information pertaining to electronic commerce transactions between the first

and second entities; generating a first virtual private proxy and a second virtual private

proxy; establishing a first secure connection between the first virtual private proxy and

the first entity and establishing a second secure connection between the second virtual

private proxy and the second entity; and establishing a logical connection between the

first virtual private proxy and the second virtual private proxy. Another relevant prior art

Dan 103 (USPUB 2002/0178103) discloses monitoring data at received at the first

virtual private proxy from the first entity and determining whether the monitored data

between the first virtual proxy and the second virtual proxy violates the agreement and

Odom (USPN 6058379) teaches disallowing communication of the monitored data

between the communicating parties when violation is detected. However, none of these

references teach at least that establishing of the first secure connection includes

establishing a secure connection with a private session manager of the first entity

wherein said private session manager excludes all other remote connections to the first

entity as required by the independent claims 1, 14 and 74.

The prior art, fails to anticipate or fairly suggest the limitation of applicant's

independent claims, in such a manner that a rejection under 35 U.S.C. 102 or 103

would be proper. As a result the claimed invention is considered to be in condition for

allowance as being novel and non-obvious over prior art.

Any comments considered necessary by applicant must be submitted no later than

the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

statement of Reasons for Allowance".

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Peter Poltorak whose telephone number is (571) 272-

3840. The examiner can normally be reached from Monday through Thursday from

9:00 until 5:00, and every other Friday from 9:00 until 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kambiz Zand can be reached on (571) 272-3811. The fax phone number for

the organization where this application or proceeding is assigned is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the Group receptionist whose telephone number is (571) 272-

1600.

/PETER POLTORAK/

Examiner, Art Unit 2434